



SWARC NEWS

Notes from KK4BK

I do not know about “ALL” of you, but several folks in this club have been busy during these pandemic fixing things around the house. Painting, Bathroom remodels, “Daddy Do Lists” (at 2 houses no less) and fixing that grand-kid’s car, have been the reviews of the nightly nets. But how many of us have spent that much time checking out our radio equipment? I haven’t.

So – before fall hits – some of the things I wanna check:

2-meter antenna and its connections

HF Antenna, ground radials, and coax connections.

Attic Antenna – and all the things that go with that

Blow out the dust from my radios.

Then next time you hear me on the radio – give me some other things that I need to check on my station.

SWARC de KK4BK

Notes from K7RLH

Well, I've been identified as the one working on two houses, so you know I haven't done a lot with radio. Looking at Brian's list of things to do, I've already had to complete some of the same tasks but for different reasons. During Hurricane Laura's track close by, we had some high winds and the limb holding my dipole gave way and put my antenna on the ground. So, I had to make repairs and then elevate it again. This caused me to look at another antenna and I found things to fix on it as well. So, it goes without saying that radio maintenance is required all year round and not just getting ready for the cooler weather. On the 5th of this month I was a participating VE for two exam sessions and 13 out of 14 applicants left with a new license or an upgrade. Wasted a whole Saturday—just kidding! We all need to give back to the hobby in whatever way we best can contribute.

'Elmering' can take many forms and we are looking for ways to utilize the skills of our members once we are allowed to meet again in close quarters. Brian and I have discussed some things to explore when that time arrives, but until then we are 'Zooming' it and hoping that all stay well and safe.

73,

de K7RLH

Meeting Notes

SWARC 7 September Meeting Minutes

The meeting was called to order on-the-web at 7:00 pm by President Brian Knox, KK4BK. We were once again social distancing as hams do by holding our meeting via Zoom from the comfort of our homes.

Fifteen (15) attendees were present during the course of the meeting including:

Richard Hall (K7RLH), Brian Knox (KK4BK), Bernie Jones (N4BAJ), Mike Callam (KD4MC), Dave Krum (NW3U), Bill Blomgren (KK4QDZ), Andy McDaniel (KN4JJU), Al Crawford (WA4TCJ), Linda Crawford (KI4LO), Steve Mowels (KA0GMY), Mike Ramsey (KD4OKR), Jim Young (K9RII), Marv Hoffman (WA4NC and guest speaker), Cecil Byrd (NC4ARS), and Mark Gibson (N4MQU).

Bernie led the Pledge of Allegiance. The group sounded great and recited the pledge in almost perfect unison over the internet.

Membership applications received in August 2020:

Bernie Jones – N4BAJ

Brian Lehrschaal – KO4FIY

Michael Kane – KM4GOD

Kenn Bigley – KO4DHJ

Mark Gibson – N4MQU and wife Linda (KD4JMJ)

David Weatherington – KN4OFB

Thank you for your support of the club!

Old Business:

Membership dues are prorated by $\frac{3}{4}$ as we enter the second quarter of fiscal year 2021. So now is a great time to send in your membership application.

Since the club's founding the membership has voted to grant Kenny (KJ4CVK) an honorary yearly membership in recognition for all the work he does to support the club - especially covering net control duties. Again, this year the attending members voted unanimously to offer Kenny a complimentary membership to SWARC for FY21.

Richard (K7RLH) will inform Kenny on the very popular noon time Geezers Net – which Kenny was influential in forming and regularly calls as net control.

New Business:

Steve (KA0GMY) announced that SWARC is sponsoring a Swap Fest on October 17, 2020 in the back parking lot of Golden Corral - our regular Saturday breakfast spot off Tyron Road [3551 Grenelle St, Raleigh, NC 27603]. The Swap Fest will be held outdoors. Buyers, sellers, traders are respectfully asked to wear face coverings for everyone's safety and comfort.

Meeting attendees unanimously voted to contribute \$75 to the Swap Fest's success in the form of hot coffee and doughnuts. Please come out to the Golden Corral back parking lot on October 17th and see if you can find a gem of a deal.

Mike Callam (KD4MC) announced that, sadly, JARSFest will have to be canceled this year due to safety concerns over COVID-19. Not to fear though, plans are in the works to stand up an April event near Clayton at the backup 911 center off highway NC42. More details to come on the next JARSFest in the near future.

Main Presentation – ‘Where Will Amateur Radio Be In 10 Years?’ by Marv Hoffman, ARRL NC Section Manager

Marv has been a ham for 29 years. He started off in radio in 1975 as a 1st Class Radio Telephone Operator. He has served multiple roles in local governments, including the Chatham County Emergency Manager. He was a professor for 29 years at Appalachian State University and currently lives in Boone, NC.

Marv started his presentation with some interesting statistics: there are 750K hams in the US - an all time high! Of these 150K are ARRL members which is up 1.3% over ARRL's 2019 membership count, but somewhat of a decrease over the last five years.

19,000 hams have NC addresses but interestingly only 4,500 NC hams are ARRL members. ~53% of all US hams are Technicians.

A 2018 ARRL survey revealed that over 1/2 of new Technicians did not operate in their 1st year of being licensed. This begs the question why bother getting licensed? The survey further revealed that the primary reason new Technicians wanted to get a ham license to begin with was to be able to participate in emergency communications. ARRL members are encouraged to sign up for the Division Director and Section Manager emails via the ARRL website.

ARRL has responded to these statistics in several ways. First ARRL has started publishing a new magazine entitled ‘On The Air’ which comes out every other month. On The Air targets new and intermediate level hams, however some old timers have stated they prefer the magazine over QST. Regardless of which magazine members choose to have delivered via the USPS, members have electronic access to both QST and On The Air along with free digital access to the National

Contest Journal along with QEX Experimenters Journal.

ARRL has reduced Life Membership dues for members who are aged 70+.

ARRL has launched the Lifelong-Learning Project which includes a video-based Technician course along with other on-demand learning modules on a wide array of topics. Members are encouraged to check them out!

ARRL Board Actions: the ARRL is interested in the passage of the Amateur Radio Parity Act. This proposed legislation would direct the FCC to issue rules similar to other rules which have protected the satellite and broadcast TV industries from Home Owner Association restrictions on antennas. Although close to getting over the finish line, to date such legislation has not passed forcing the ARRL to seek compromised rule language.

The ARRL has asked the FCC to create a new HF Band Plan with sub-bands for the popular digital modes to minimize conflicts with CW operators. ARRL is also pushing the FCC to grant limited HF privileges to Technician licensees to increase engagement by new hams.

The FCC has published a Notice of Proposed Rulemaking which, if adopted, would institute new application fees for ham radio licenses. Many hams are concerned that these new fees could be a deterrence to new hams entering the hobby or deter existing hams from upgrading. KK4BK provided more information on how you can submit comments in his 9/8/2020 email to SWARC members. Refer to Brian's email and submit your comments on the proposed new rules.

Finally, if you have question, concerns or opinions regarding ARRL activities do not hesitate to contact the ARRL board member

representing North Carolina members. His name is George W. 'Bud' Hippisley (W2RU) – Division Director. Bud can be reached at 540-576-2527 or w2ru@arrrl.org.

The meeting concluded with several of the attendees admiring Bernie's slick new haircut.

Brian concluded the meeting at 8:26pm.

73, Andy McDaniel – KN4JJU - Secretary

South Wake Amateur Radio Club

Treasurer Report July 2020

South Wake Amateur Radio Club Treasurer Report August 2020

Club Addition and Reduction Activity

Additions

Dues	30.00	ck# 820825	Todd Thomas (K4ILX)
Dues	30.00	ck# 242	Bernard Jones (N4BAJ)
Dues	30.00	ck# 673050	Brian Lehrschall (KO4FIY)
Dues	30.00	ck# 6476	Michael Kane (KM4GOD)
Dues	30.00	ck# 5367	Ken Bigley (KO4DHJ)

Total Additions 150.00

Reductions

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Total Reductions 0.00

RBC Bank Account Activity

Balance as of 07/31/2020	1249.91		
Addition	150.00		
Reduction	0.00		

Balance as of 09/08/2020 1399.91

Christine Fernandini KJ4AEO 09/08/2020

MEMBERSHIP

Just a reminder that it is that time again to pay membership dues.

\$30 for individual and \$5 for each family member.

You can bring a check or cash to the next meeting or mail them to the club PO box and Christy will let me know she has received them so I can update the list. If you mail them, give me a heads up so I can mark it as pending on the roster.

Makes checks payable to South Wake ARC.

If you are going to mail it, send it to South Wake ARC – PO Box 1565 – Fuquay Varina, NC 27526

I will be developing an online form so new members can fill out the application online and mail or bring a check to a meeting.

I will be reaching out to all members here soon to make sure I have the latest contact information, addresses, etc so I can make sure the membership list reflects current information.

Thanks

Ryan Avery

NC4RA

rwavery@charter.net

NET REPORT

****There are some dates that no report was documented or received. Ask your net control to document the daily counts so that you show the HIGHER standard of check-in that you have achieved.**

By Call Sign		By Call Sign		By Call Sign		By Date	
callsign	NetCheckins	callsign	NetCheckins	callsign	NetCheckins	Net Date	# of Check in
KK4QDZ	12	AB4PP	3	K4AAA	1	8/1/2020	17
N4BAJ	11	KM4ARS	2	AK4XZ	1	8/2/2020	9
KN4JJU	10	KI4LO	2	AJ4NX	1	8/8/2020	15
K7RLH	8	KJ4WLG	2	KC0WDZ	1	8/9/2020	13
KK4BK	8	KE4RUN	2	N1RIK	1	8/15/2020	19
WA3JJG	7	KK4BVU	2	KM4OTA	1	8/16/2020	16
WA4TCJ	6	KD4OKR	2	KO4FUD	1	8/19/2020	17
KT4JR	5	KI4QHM	2	KI4YII	1	8/22/2020	16
KD4MC	5	N4SMB	2	KO4FKE	1	8/23/2020	10
KN4OEY	5	KN4OTA	2	KO4FED	1	8/26/2020	16
KO4DHJ	5	KN4PTL	2	KJ4QNX	1	8/29/2020	10
KJ4QNW	5	W1JCA	2	KJ4TUC	1	8/30/2020	11
KJ4CVK	5	W4AGH	1	KO4DHK	1		
KI4RAN	4	KG4ZVN	1	KO4AZZ	1		
KM4IJK	4	N4RL	1	KK4ZQN	1		
NC4MP	4	KE4QBW	1	KM4TRM	1		
KI4WAI	3	NW3U	1	KM4TC	1		
N4NCK	3	KM4GBM	1	WB4UFO	1		
KG4JOK	3	KC0DZ	1	N4AED	1		
WA2PIX	3	KO4FUE	1				
		K4HEW	1				

Public Service

Check the RARS web site often for Public Service opportunities.

BOARD OF DIRECTORS

Appointed Positions

President

Brian Knox – KK4BK

Vice President

Richard Hall – K7RLH

Secretary

Andy McDaniel – KN4JJU

Treasurer

Christy Fernandini - KJ4AEO

Member-At-Large

Al Crawford –

WA4TCJ Member-At-

Large Bernie Jones –

N4BAJ Member-At-

Large

Mike Gaither –

K4MWG Membership

Chair Ryan Avery –

NC4RA

NET MANAGER

Steve – KA0GMY

Special Events Director

Gino Fernandini –KI4YXO

Public Service Director

David Krum – NW3U

SWARC Mission Statement

South Wake ARC's primary purpose is to further the Amateur Radio Service through programs, activities, and education, in order to promote the radio knowledge, fraternalism and individual operating efficiency of our members. Further, it shall be our purpose to support the welfare of our community through public service including radio communications for emergency situations and public events, and through providing information, training, and assistance to individuals or organizations with an interest in the Amateur Radio Service.

LINKS (if you have other links you want added then send them to me)

PRN

A Wide Area Digital Amateur Radio Network www.ncprn.net

GigaParts www.gigaparts.com

QRZ www.qrz.com

Ham Radio Outlet HRO www.hamradio.com

Raleigh Amateur Radio Society RARS www.rars.org

Johnson Amateur Radio Society JARS www.jars.net

South Wake Amateur Radio Club SWARC www.southwakearc.com

There are events going on all the time: you got Islands on the Air (IOTA), and then there is working Light Houses, don't forget all the special events there is something new each week. Here is one for you

Mark, N4MQU is always setting up and working from different locations or likes to run different nets as the net control. See how many times you can work Mark in his different rolls during the week. If nothing else take your radio to the backyard and work some stations.

Just have fun.

ATTENTION

Our club is like other clubs we have a mixture of memberships. We have everything from young pre-teen members to those who are “Advanced Teens”. The point is - make sure to checking in on our older members to see if they could use any help.

Question of the month WHO HAVE YOU HELPED THIS MONTH?

ARRL News

Hurricane Watch Net is Tracking New Weather Systems

09/18/2020

The Hurricane Watch Net ([HWN](#)) is keeping a close eye on three systems — Hurricane Teddy, Tropical Depression 22 (TD 22), and newly formed Tropical Storm Wilfred. For the remainder of 2020, named storms will come from the Greek alphabet, starting with Alpha. In fact, a sub-tropical storm named Alpha has formed near the coast of Portugal, but it is expected to be short-lived, according to the National Hurricane Center (NHC).

As of 1500 UTC, Hurricane Teddy was a Category 4 hurricane with maximum sustained winds of 130 MPH with higher gusts. It was located about 885 miles southeast of Bermuda, which already took a hit earlier this week from Hurricane Paulette. Watches may be required for Bermuda later today or tonight. Teddy may affect eastern Canada on Tuesday afternoon.

The current forecast brings the center of Teddy about 150 miles east of Bermuda late night Saturday or very early Sunday morning.

“It seems that Bermuda has been a magnet for tropical cyclones,” HWN Manager Bobby Graves, KB5HAV, said. He cited Tropical Storm Fay in 2014, Hurricane Gonzalo — a Category 4 storm in 2015 — Hurricane Joaquin, also a Category 4 storm in 2015, Hurricane Nicole, another Category 4 storm in 2016, and this week’s Hurricane Paulette, a Category 1 storm.

At 1500 UTC, the NHC began issuing advisories on newly formed Tropical Storm Wilfred. This storm was located about 630 miles west-southwest of the Cabo Verde Islands, with maximum sustained winds of 40 MPH. Wilfred should not pose a problem for anyone other than shipping lanes. This system is currently forecast to dissipate within 96 hours.

Tropical Depression 22 is going to be the system to watch. At 1500 UTC, it was located about 275 miles east-northeast of Tampico, Mexico, and about 255 miles southeast of the mouth of the Rio Grande. TD 22 currently has maximum sustained winds of 35 MPH and is moving to the north-northeast at 7 MPH, forecast to become a tropical storm on Saturday. Late Saturday or early Sunday, this system is expected to turn slowly to the west. TD 22 is forecast to become a Category 1 hurricane on Sunday, but weaken to a tropical storm on Tuesday.

“However, as we’ve come to know, things can and usually do change. So, residents along the Texas coast, and perhaps Louisiana, should keep a close eye on the progress of this system,” Graves advised.

The HWN at mid-week had completed 71 continuous hours of activation for Paulette and Sally. The net's primary frequency is 14.325 MHz.

5-MHz Interoperability Channels Designated for Wildfires and Hurricane Sally Response

09/15/2020

The Federal Emergency Management Agency (FEMA) has announced that two 60-meter channels have been made available, as necessary, for interoperability between US Government stations and US amateur radio stations involved in emergency communications related to the wildland firefighting response in California, Oregon, and Washington, and to Hurricane Sally. These interoperability channels will remain active until the need for these channels no longer exists:

- Channel 1 — primary voice traffic 5332 kHz channel center, 5330.5 kHz USB voice
- Channel 2 — digital traffic 5348 kHz channel center, 5346.5 kHz USB with 1.5-kHz offset to center of digital waveform.

Frequencies may be modified or added to by FEMA Region 10 for their area or operations due to existing 5-MHz/60-meter interoperability plans for their region.

Amateur radio is secondary on the 5-MHz band and should yield to operational traffic related to wildland firefighting and hurricane response. Although the intended use for these channels is interoperability between federal government stations and licensed US amateur radio stations, federal government stations are primary users and amateurs are secondary users.

The Military Auxiliary Radio System (MARS) is following FEMA's lead on the interoperability channel designations for the wildfire and hurricane response. **Army MARS** Program Manager Paul English, WD8DBY, says he has alerted all MARS members of the FEMA channel designations and MARS members are prepared to support response efforts as needed.

NCVEC Holds Its Annual Meeting via Teleconference

09/09/2020

ARRL Volunteer Examiner Coordinator (**VEC**) Manager Maria Somma, AB1FM, reports that the National Conference of Volunteer Examiner Coordinators (NCVEC) held its annual meeting via teleconference on August 21. Somma is the NCVEC Vice Chair. NCVEC Chair Larry Pollock, NB5X, presided at the 35th annual meeting. The NCVEC functions to facilitate communication between the FCC and VECs. Representatives of all 14 FCC-certified VECs took part in the conference, while nine FCC staff members were on hand.

FCC Enforcement Bureau (EB) Special Counsel Laura Smith advised VEC delegates that the FCC has been on lockdown since March and that staff members will be teleworking indefinitely. This includes staff at FCC Headquarters in Washington, DC; the Gettysburg, Pennsylvania, location, and the other field offices. Smith said field engineers aren't going out unless the issue involves safety or if lives are in danger.

More on this story at <http://www.arrl.org/news/ncvec-holds-its-annual-meeting-via-teleconference>

Upcoming Contest (<https://www.contestcalendar.com/contestcal.html>)

October 2020

+ CWops Mini-CWT Test	0300Z-0400Z, Oct 1
+ NRAU 10m Activity Contest	1700Z-1800Z, Oct 1 (CW) and 1800Z-1900Z, Oct 1 (SSB) and 1900Z-2000Z, Oct 1 (FM) and 2000Z-2100Z, Oct 1 (Dig)
+ RTTYOPS Weekspint	1700Z-1900Z, Oct 1
+ SARL 80m QSO Party	1700Z-2000Z, Oct 1
+ SKCC Sprint Europe	1900Z-2100Z, Oct 1
+ NCCC RTTY Sprint	0145Z-0215Z, Oct 2

+ NCCC Sprint	0230Z-0300Z, Oct 2
+ Portable Operations Challenge	0000Z, Oct 3 to 2359Z, Oct 4
+ TRC DX Contest	0600Z, Oct 3 to 1800Z, Oct 4
+ Oceania DX Contest, Phone	0600Z, Oct 3 to 0600Z, Oct 4
+ German Telegraphy Contest	0700Z-1000Z, Oct 3
+ Russian WW Digital Contest	1200Z, Oct 3 to 1159Z, Oct 4
+ IARU Region 1 UHF/Microwaves Contest	1400Z, Oct 3 to 1400Z, Oct 4
+ YLRL DX/NA YL Anniversary Contest	1400Z, Oct 3 to 0200Z, Oct 4
+ RTTYOPS Weekend Sprint	1600Z-1959Z, Oct 3
+ California QSO Party	1600Z, Oct 3 to 2200Z, Oct 4
+ International HELL-Contest	1600Z-1800Z, Oct 3 (80m) and 0900Z-1100Z, Oct 4 (40m)
+ FISTS Fall Slow Speed Sprint	1700Z-2100Z, Oct 3
+ SKCC QSO Party	1800Z, Oct 3 to 1800Z, Oct 4
+ RSGB DX Contest	0500Z-2300Z, Oct 4
+ UBA ON Contest, SSB	0600Z-0900Z, Oct 4
+ Peanut Power QRP Sprint	2200Z-2359Z, Oct 4
+ K1USN Slow Speed Test	0000Z-0100Z, Oct 5
+ RSGB 80m Autumn Series, CW	1900Z-2030Z, Oct 5
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Oct 6
+ ARS Spartan Sprint	0100Z-0300Z, Oct 6
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 6
+ Phone Fray	0230Z-0300Z, Oct 7
+ CWops Mini-CWT Test	1300Z-1400Z, Oct 7
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Oct 7
+ 432 MHz Fall Sprint	1900 local - 2300 local, Oct 7
+ CWops Mini-CWT Test	1900Z-2000Z, Oct 7
+ UKEICC 80m Contest	2000Z-2100Z, Oct 7
+ CWops Mini-CWT Test	0300Z-0400Z, Oct 8
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 8
+ NCCC RTTY Sprint	0145Z-0215Z, Oct 9
+ NCCC Sprint	0230Z-0300Z, Oct 9
+ QRP ARCI Fall QSO Party	0000Z-2359Z, Oct 10
+ ARRL EME Contest	0000Z, Oct 10 to 2359Z, Oct 11
+ Makrothen RTTY Contest	0000Z-0800Z, Oct 10 and 1600Z-2400Z, Oct 10 and 0800Z-1600Z, Oct 11
+ 10-10 Int. 10-10 Day Sprint	0001Z-2359Z, Oct 10
+ Nevada QSO Party	0300Z, Oct 10 to 2100Z, Oct 11
+ Oceania DX Contest, CW	0600Z, Oct 10 to 0600Z, Oct 11
+ Microwave Fall Sprint	0800 local - 1400 local, Oct 10
+ Scandinavian Activity Contest, SSB	1200Z, Oct 10 to 1200Z, Oct 11
+ SKCC Weekend Sprintathon	1200Z, Oct 10 to 2400Z, Oct 11
+ Arizona QSO Party	1500Z, Oct 10 to 0500Z, Oct 11
+ Cosack's Honor VHF/UHF Contest	1600Z, Oct 10 to 0400Z, Oct 11
+ Pennsylvania QSO Party	1600Z, Oct 10 to 0500Z, Oct 11 and 1300Z-2200Z, Oct 11
+ FISTS Fall Unlimited Sprint	1700Z-2100Z, Oct 10
+ South Dakota QSO Party	1800Z, Oct 10 to 1800Z, Oct 11
+ PODXS 070 Club 160m Great Pumpkin Sprint	2000Z, Oct 10 to 2000Z, Oct 11

+ UBA ON Contest, CW	0530Z-0800Z, Oct 11
+ UBA ON Contest, 6m	0800Z-1000Z, Oct 11
+ K1USN Slow Speed Test	0000Z-0100Z, Oct 12
+ 4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Oct 12
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Oct 13
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 13
+ NAQCC CW Sprint	0030Z-0230Z, Oct 14
+ Phone Fray	0230Z-0300Z, Oct 14
+ CWops Mini-CWT Test	1300Z-1400Z, Oct 14
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Oct 14
+ RSGB 80m Autumn Series, Data	1900Z-2030Z, Oct 14
+ AGCW Semi-Automatic Key Evening	1900Z-2030Z, Oct 14
+ CWops Mini-CWT Test	1900Z-2000Z, Oct 14
+ CWops Mini-CWT Test	0300Z-0400Z, Oct 15
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 15
+ NCCC RTTY Sprint	0145Z-0215Z, Oct 16
+ NCCC Sprint	0230Z-0300Z, Oct 16
+ Araucaria World Wide VHF Contest	0000Z, Oct 17 to 1600Z, Oct 18
+ JARTS WW RTTY Contest	0000Z, Oct 17 to 2400Z, Oct 18
+ 10-10 Int. Fall Contest, CW	0001Z, Oct 17 to 2359Z, Oct 18
+ New York QSO Party	1400Z, Oct 17 to 0200Z, Oct 18
+ Stew Perry Topband Challenge	1500Z, Oct 17 to 1500Z, Oct 18
+ Worked All Germany Contest	1500Z, Oct 17 to 1459Z, Oct 18
+ Feld Hell Sprint	2000Z-2359Z, Oct 17
+ Argentina National 7 MHz Contest	2130Z-2230Z, Oct 17
+ Asia-Pacific Fall Sprint, CW	0000Z-0200Z, Oct 18
+ UBA ON Contest, 2m	0700Z-1000Z, Oct 18
+ Classic Exchange, Phone	1400Z, Oct 18 to 0800Z, Oct 19 and 1400Z, Oct 20 to 0800Z, Oct 21
+ Illinois QSO Party	1700Z, Oct 18 to 0100Z, Oct 19
+ RSGB RoLo CW	1900Z-2030Z, Oct 18
+ Run for the Bacon QRP Contest	2300Z, Oct 18 to 0100Z, Oct 19
+ K1USN Slow Speed Test	0000Z-0100Z, Oct 19
+ ARRL School Club Roundup	1300Z, Oct 19 to 2359Z, Oct 23
+ Telephone Pioneers QSO Party	1800Z-1900Z, Oct 19 (Digital Only) and 1900Z, Oct 19 to 0300Z, Oct 20 (All Modes)
+ RSGB FT4 Contest Series	1900Z-2030Z, Oct 19
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Oct 20
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 20
+ Phone Fray	0230Z-0300Z, Oct 21
+ CWops Mini-CWT Test	1300Z-1400Z, Oct 21
+ CWops Mini-CWT Test	1900Z-2000Z, Oct 21
+ CWops Mini-CWT Test	0300Z-0400Z, Oct 22
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 22
+ NCCC RTTY Sprint	0145Z-0215Z, Oct 23
+ NCCC Sprint	0230Z-0300Z, Oct 23
+ CQ Worldwide DX Contest, SSB	0000Z, Oct 24 to 2359Z, Oct 25
+ Kentucky State Parks on the Air	1400Z-2200Z, Oct 24
+ RTTYOPS Weekend Sprint	1600Z-1959Z, Oct 24
+ K1USN Slow Speed Test	0000Z-0100Z, Oct 26

+ QCX Challenge	1300Z-1400Z, Oct 26
+ QCX Challenge	1900Z-2000Z, Oct 26
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Oct 27
+ QCX Challenge	0300Z-0400Z, Oct 27
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 27
+ SKCC Sprint	0000Z-0200Z, Oct 28
+ Phone Fray	0230Z-0300Z, Oct 28
+ CWops Mini-CWT Test	1300Z-1400Z, Oct 28
+ CWops Mini-CWT Test	1900Z-2000Z, Oct 28
+ UKEICC 80m Contest	2000Z-2100Z, Oct 28
+ CWops Mini-CWT Test	0300Z-0400Z, Oct 29
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 29
+ RSGB 80m Autumn Series, SSB	2000Z-2130Z, Oct 29
+ NCCC RTTY Sprint	0145Z-0215Z, Oct 30
+ NCCC Sprint	0230Z-0300Z, Oct 30
+ Zombie Shuffle	1600-2400 local, Oct 30
+ UK/EI DX Contest, SSB	1200Z, Oct 31 to 1200Z, Nov 1
+ Russian WW MultiMode Contest	1200Z, Oct 31 to 1159Z, Nov 1
+ RTTYOPS Weekend Sprint	1600Z-1959Z, Oct 31



